This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-43 (Previously Cancelled).

Claims 44-48 (Currently Cancelled).

Claims 49-100 (Previously Cancelled).

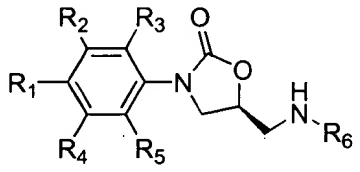
Claim 101. (NEW) A method of preparing combinatorial libraries of compounds of the formula Ib, comprising the steps of:

a) attaching a plurality of aryl oxazolidinones to a plurality of solid supports;

b) functionalizing the 4-position of the aryl groups of the attached oxazolidinones to produce an R_1 substituent; and, optionally,

c) removing the oxazolidinones from the solid supports;

wherein compounds of formula Ib have the structure:



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wherein R_2, R_3, R_4 and R_5 are, independently, hydrogen, alkyl, heteroalkyl, heteroaryl or an electron withdrawing group;

R_6 is acyl or sulfonyl; and

R_1 is one of the following functional groups:

$C(O)NR_7R_8$, wherein R_7 and R_8 are, independently, hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

$C(O)OR_9$, wherein R_9 is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

$C(O)R_{10}$, wherein R_{10} is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

SR_{11}, wherein R_{11} is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

$S(O)_2R_{11}$, wherein R_{11} is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

$S(O)R_{11}$, wherein R_{11} is hydrogen, alkyl, heteroalkyl, aryl or heteroaryl;

$NR_{12}R_{13}$, wherein R_{12} and R_{13} are, independently, hydrogen, acyl, sulfonyl, alkyl, heteroalkyl, aryl or heteroaryl;

2-oxazolyl, wherein R_{14} is at the 4-position and R_{15} is at the 5-position of the oxazolyl, and wherein R_{14} and R_{15} are, independently, hydrogen, alkyl, heteroalkyl, aryl, heteroaryl or an electron withdrawing group;

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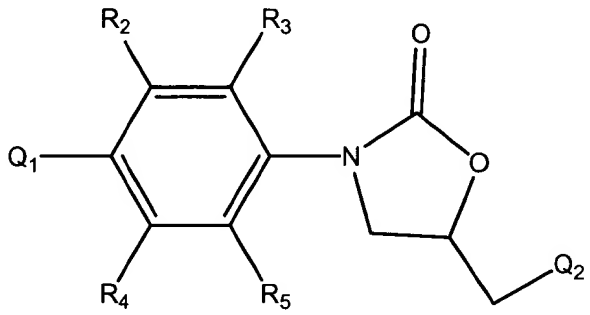
2-aminothiazolyl, wherein R_{16} is at the 4-position and R_{17} is at the 5-position of the thiazole, and wherein R_{16} and R_{17}, are, independently, hydrogen, alkyl, heteroalkyl, aryl, heteroaryl or an electron withdrawing group;

$CH_2NR_{18}R_{19}$, wherein R_{18} and R_{19} are, independently, hydrogen, alkyl, heteroalkyl, aryl, heteroaryl, acyl or sulfonyl; and

wherein the aryl oxazolidinones in step a) comprise the structure



wherein R_2, R_3, R_4 and R_5 are defined above;

Q_1 is selected from –C(O)O-PG, -S-PG, $-CH(OC_{1\text{-}4}alkyl)_2$, where PG is a protecting group; and

Q_2 is N_3.

Claim 102. (NEW) The method of claim 101, wherein attaching the aryl oxazolidinones to the solid supports comprises reacting the azide to form an iminophosphorane or an amine.

Claim 103. (NEW) The method of claim 102, wherein attaching the aryl oxazolidinones to the solid supports comprises reacting the azide to form an iminophosphorane.

Claim 104. (NEW) The method of claim 103, wherein attaching the aryl oxazolidinones to the

solid supports further comprises reacting the iminophosphorane with a carbonyl containing resin to form an imine.

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Claim 105. (NEW) The method of claim 102, wherein attaching the aryl oxazolidinones to the solid supports comprises reacting the azide to form an amine.

Claim 106. (NEW) The method of claim 105, wherein attaching the aryl oxazolidinones to the solid supports further comprises reacting the amine with a carbonyl containing resin to form an imine.

Claim 107. (NEW) The method of claim 102, wherein attaching the aryl oxazolidinones to the solid supports further comprises reducing the imine.

Claim 108. (NEW) The method of claim 101, wherein Q_1 is –C(O)O-PG.

Claim 109. (NEW) The method of claim 108, wherein functionalizing the 4-position of the aryl groups comprises converting the –C(O)O-PG group into a $-C(O)NR_7R_8$, $-C(O)OR_9$, $-C(O)R_{10}$, $-NR_{12}R_{13}$, 2-oxazolyl, or 2-aminothiazolyl group.

Claim 110. (NEW) The method of claim 101, wherein Q_1 is –S-PG.

Claim 111. (NEW) The method of claim 110, wherein functionalizing the 4-position of the aryl groups comprises converting the –S-PG group to a $-SR_{11}$, $-S(O)R_{11}$, or $-S(O)_2R_{11}$ group.

Claim 112. (NEW) The method of claim 101, wherein Q_1 is $-CH(OC_{1-4}alkyl)_2$.

Claim 113. (NEW) The method of claim 112, wherein functionalizing the 4-position of the aryl groups comprises converting the $-CH(OC_{1-4}alkyl)_2$ group to a $-CH_2NR_{12}R_{13}$ group.